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Attorney Docket No. 01246/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): T. KAWANO

Serial No. : 09/840,193

Filed : April 23, 2001

For : RADIATION IMAGE PROCESSING  
APPARATUS

Art Unit :  
Examiner :

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Please amend the above-identified application, as follows:

**IN THE SPECIFICATION**

Please replace the paragraph at page 43, lines 10-13 with  
the following:

Each of Figs. 10 (a) - 10 (d) is an illustration  
showing a form of a filter for obtaining a signal variance  
between neighboring pixels in an example of an embodiment of  
the invention.

The above amendment is to correct an obvious typographical  
error.

It is respectfully requested that prosecution on the merits  
now proceed.

Respectfully submitted,

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Attorney: Leonard Holtz

Dated: August 21, 2001

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Fig. 9 is a functional block diagram showing the structure of an image processing apparatus and a flow (processing flow) of image processing in an example of an embodiment for edge feature amount extracting in the invention.

invention.

Each of Figs. 10 (a) - 10<sup>(d)</sup> [(c)] is an illustration showing a form of a filter for obtaining a signal variance between neighboring pixels in an example of an embodiment of the invention.

Each of Figs. 11 (a) - 11 (c) is an illustration showing the state of edge distribution in an example of an embodiment of the invention.

Each of Figs. 12 (a) and 12 (b) is an illustration showing the state of edge distribution in an example of an embodiment of the invention.

Fig. 13 is a functional block diagram showing the structure of an image processing apparatus and a flow (processing flow) of image processing in an example of an embodiment for feature amount right and wrong judgment in the invention.